

Table 4

Medium No.	Information layer	Composition of second recording layer (mol%)	Erase ratio			Δj_a			Δj_o		
			1x	2x	4x	1x	2x	4x	1x	2x	4x
300-1	Second	Composition of first recording layer (mol%) $(\text{GeTe})_{97}[(\text{In}_2\text{Te}_{3/0.3})(\text{Bi}_2\text{Te}_{3/0.7})]_3$	S	S	A	A	A	S	S	A	A
	First	$(\text{GeTe})_{97}[(\text{In}_2\text{Te}_{3/0.3})(\text{Bi}_2\text{Te}_{3/0.7})]_3$	S	S	A	A	A	S	S	A	A
300-2	Second	$(\text{GeTe})_{97}[(\text{In}_2\text{Te}_{3/0.3})(\text{Bi}_2\text{Te}_{3/0.7})]_3$	S	S	A	A	A	S	S	A	A
	First	$[(\text{SnTe})_{0.1}(\text{GeTe})_{0.9/97}[(\text{In}_2\text{Te}_{3/0.5})(\text{Bi}_2\text{Te}_{3/0.5})]_3$	S	S	A	A	A	S	S	A	A
300-3	Second	$(\text{GeTe})_{97}[(\text{In}_2\text{Te}_{3/0.3})(\text{Bi}_2\text{Te}_{3/0.7})]_3$	S	S	A	A	A	S	S	A	A
	First	$[(\text{SnTe})_{0.3}(\text{GeTe})_{0.7/97}[(\text{In}_2\text{Te}_{3/0.9})(\text{Bi}_2\text{Te}_{3/0.1})]_3$	S	S	A	A	A	S	S	A	A
300-A	Second	$(\text{GeTe})_{97}(\text{Bi}_2\text{Te}_{3/3})$	S	S	S	C	C	C	S	S	S
	First	$(\text{GeTe})_{97}(\text{In}_2\text{Te}_{3/3})$	C	C	C	—	—	—	—	—	—

Table 6

Medium No.	Information layer	Composition of the second recording layer (mol%)	Erase ratio			Δja			Δjo		
			1x	2x	4x	1x	2x	4x	1x	2x	4x
300-11	Second	$(GeTe)_{93}[(In_2Te_3)_{0.5}(Bi_2Te_3)_{0.5}]_7$	S	S	A	A	A	S	S	A	A
	First	$(GeTe)_{93}[(In_2Te_3)_{0.5}(Bi_2Te_3)_{0.5}]_7$	S	S	A	A	A	S	S	A	A
300-12	Second	$(GeTe)_{93}[(In_2Te_3)_{0.5}(Bi_2Te_3)_{0.5}]_7$	S	S	A	A	A	S	S	A	A
	First	$[(SnTe)_{0.1}(GeTe)_{0.9}In_3]_7[(In_2Te_3)_{0.5}(Bi_2Te_3)_{0.5}]_7$	S	S	A	A	A	S	S	A	A
300-13	Second	$(GeTe)_{93}[(In_2Te_3)_{0.5}(Bi_2Te_3)_{0.5}]_7$	S	S	A	A	A	S	S	A	A
	First	$[(SnTe)_{0.3}(GeTe)_{0.7}In_3]_7[(In_2Te_3)_{0.9}(Bi_2Te_3)_{0.1}]_7$	S	S	S	A	A	S	S	A	A
300-B	Second	$(GeTe)_{93}(In_2Te_3)_7$	C	C	C	—	—	—	—	—	—
	First	$(GeTe)_{93}(Bi_2Te_3)_7$	S	S	S	C	C	C	S	S	S